

Nov. 1895.

M. Valle, Minor Planets.

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Observations of Minor Planets made with the 15-inch Equatorial of the National Mexican Observatory, Tacubaya.
By Felipe Valle.

(Communicated by the Secretaries.)

Date.	Tacubaya Mean Time.	Long. W. 6 ^h 36 ^m 46 ^s .53.			Lat. N. 19° 24' 17".5.		
		Planet Δ _Δ .	Star Δ _Δ .	No. of Comps. server.	Planet App. R.A.	Log $p \times \Delta$ of Parallactic Factor.	Planet App. Decl.
(176) <i>Idunna.</i>							
1894.		h m s	m s	h m s	h m s	h m s	h m s
Oct. 3	II 32 58	+ 1 41.11	- 1 584	5-5	F. V.	...	+ 7.971
6	9 52 57	- 1 17.21	- 1 37.58	4-4	,"	0 19 7.32	+ 9.302
8	II 20 3	- 0 38.34	- 0 26.80	6-6	,"	0 17 55.23	+ 8.522
9	10 6 56	- 0 58.34	+ 4 16.35	6-6	,"	0 17 22.80	9.129 ⁿ
10	8 53 5	+ 2 1.00	- 3 10.41	5-5	,"	0 16 50.71	9.465 ⁿ
11	8 47 29	- 1 37.39	- 6 22.32	6-6	,"	0 16 17.94	9.419 ⁿ
Nov. 5	10 9 17	+ 1 0.93	+ 0 55.44	6-6	F. V.	2 18 23.57	9.213 ⁿ
						+ 8 5 4.8	+ 0.248
						+ 3.48	+ 25.25
						7	

(190) *Ismene.*

5	10 9 17	+ 1 0.93	+ 0 55.44	6-6	F. V.	2 18 23.57	9.213 ⁿ
						+ 8 5 4.8	+ 0.248

+ 3.48 + 25.25

+ 3.82 + 25.25

Date.	Tacubaya Mean Time.	Planet $\Delta\alpha.$	Star $\Delta\delta.$	No. of Comps.	Ob- server,	Planet App. R.A.	Log $\rho \times \Delta$ of Parallactic Factor.	Planet App. Decl.	Log $\rho \times \Delta$ of Parallactic Factor.	Red to App. Place.	No. of Star.	
28 <i>Bellona.</i>												
1894. Dec. 4	8 20 20	+0 51.35	-5 32.90	11-11	P. S.	5 21 30.67	9.694n	+8 49	4.3	+0.357	+4.39	+14.04 8
17 8 0 51	-0 28.79	+0 37.72	12-12	,"		5 9 30.79	9.638n	+8 57	18.8	+0.314	+4.55	+13.65 9
27 9 11 8	-1 2.07	+0 24.85	7-7	F. V.	5 0 52.31	9.302n	+9 21	15.9	+0.208	+4.62	+13.69 10	
28 10 3 26	-1 50.54	+3 55.44	5-5	,"	5 0 3.86	8.807n	+9 24	35.6	+0.183	+4.62	+13.61 10	
29 9 37 17	+2 30.36	-2 4.59	5-5	,"	4 59 17.91	9.066n	+0.187	+4.62	+14.03 11	
76 <i>Freia.</i>												
Dec. 28 9 4 40	+1 59.1	+1 43.66	6-6	F. V.	5 7 7.05	9.366n	+20 28	3.2	+8.703	+4.95	+14.62 12	
29 8 47 40	+0 24.51	+0 44.93	8-8	,"	5 6 25.66	9.418n	+20 27	4.4	+9.072	+4.96	+14.63 12	
30 8 41 46	+0 57.67	+0 31.62	5-5	,"	5 3 48.93	9.366n	+20 23	28.1	+8.786	+4.96	+14.95 13	
164 <i>Eva.</i>												
1895. Jan. 2	9 37 3	-1 1.89	-1 29.48	7-7	,"	5 56 5.61	9.415n	+36 1	55.1	0.340n	+1.81	+ 9.89 15
3 9 6 15	+0 24.73	-2 31.27	7-7	,"	5 54 48.99	9.519n	+36 9	6.7	0.293n	+1.81	+ 9.98 16	
4 10 56 11	+1 36.82	+0 36.85	4-4	,"	5 53 26.02	+7.486	+36 16	49.9	0.413n	+1.81	+10.22 17	

Note.—The observations marked "P. S." were made by Señor Pedro Sanchez.

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No. of Star.	α_{1894}	δ_{1894}	Authority.	Date.	Observed—Calculated	Ephem.
					$\Delta\alpha$	$\Delta\delta$
76) <i>Freia.</i>						
12	5 5 56.19	+ 20° 26' 4.9"	B. D. + 20°.900 (Merid. Circ., Tacubaya)	Dec. 28	+ 30°.16 ^s	+ 28".6
12	5 5 56.19	+ 20 26 4.9	"	29	+ 30°.18	+ 28.4
13	(13 α - 9 δ .45)	(13 α + 3' 28".19)	B. D. + 20°.889. Ref. to 13 α	"	"	"
13 α	5 2 55.75	+ 20 19 13.4	B. D. + 20°.890 (Tacubaya meridian)	30	+ 30°.17	+ 28.1
164) <i>Eva.</i>						
14	5 57 37.32	+ 35 46 36.7	B. D. + 35°.1328	Dec. 31
	1895 α .	1895 α .		1895.		B. A. Jahrb.
{ 15	5 57 5.88	+ 36 3 14.7	B. D. + 36°.1344 = 15 α { - 3 ^m 45".10 }	Jan. 2	+ 1.96	+ 1.93
{ 15 α	6 0 50.98	+ 36 4 45.0	Yarnall - 2579	"	"	"
16	5 54 22.45	+ 36 11 28.0	Am ^m . = 16 α { - 5 ^m 57".66 }	3	+ 2.06	+ 15.9
16 α	6 0 20.11	+ 36 17 6.5	... 38".50	"	"	"
17	5 51 47.39	+ 36 16 2.8	B. D. + 36°.1317. Ref. to 15 α & 16 α	4	+ 2.07	+ 18.1